



**Call for joint Projects
for the
Internationalization of Research**

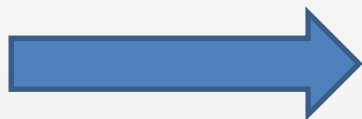
Objectives

The Call aims to establish, through the funding of mobility of research groups, long term cooperation with European and extra European Universities selected among the best international universities ranked in the 50 top position of International rankings, or alternatively, with universities located in strategic geographical areas.

The development of the Internationalization of the Politecnico di Torino is one of the fundamental aspects considered by the Long Term Plan annexed to the General Agreement 2012-2015 signed between the Politecnico di Torino and the Compagnia di San Paolo.

Key Issues (Compulsory/Elective Activities)

- *Applicants*: full or Associate Professor or Researcher of the Politecnico di Torino) and *Partner coordinators* (Professor or Researcher of the *Partner University*)
- Overall funding for each Call: €250.000
- Funding for each project: €50.000
- Total duration of the project: one year (plus six extra months in case of extra funding)



An Evaluation Committee is charged of supervising the state of play of the Project activities and the related costs; the financed Projects are monitored at least every six months

Key Issues (Compulsory/Elective Activities)

- Composition of the Research Groups: max 5 members
- Total Duration of *incoming* and *outgoing* mobilities: 14 months (at least 3 months and 1 month respectively)
- Other activities: planning of at least one event -e.g.: workshop, seminar, educational activity, etc.- addressed to research staff and/or to PhD students and/or external subjects...)

2015 Edition: selected projects

Coordinator	Dept.	Title of the Project	Partner University	Sum financed
DAGHERO Dario	DISAT	Synthetic superconductivity by EDL gating in single- and few-layer metal chalcogenides	University of Cambridge (UK)	€ 49.984
CHIASSEINI Carla Fabiana	DET	FLAG: Fundamental results and algorithmic solutions for 5G networks	Monash University (Australia)	€ 41.796
MATTIAZZO Giuliana	DIMEAS	Marine Energy Synergies	Massachusetts Institute of Technology (USA)	€ 50.000
TOSCO Tiziana	DIATI	Impact of emerging contaminants and engineered nanoparticles on water quality	McGill University (Canada)	€ 49.950
CARRERA Erasmo	DIMEAS	Numerical and experimental characterization of innovative composite materials for aerospace, biomedical and mechanical applications	Purdue University - West Lafayette (USA)	€ 49.100
Tot.				€ 240.830

- 12 Projects founded in the previous editions (2013-2014)
- 12 Universities involved:
 - University of Maryland (USA);
 - École Polytechnique Fédérale de Lausanne – (Switzerland);
 - Tsinghua University (China);
 - Cornell University (USA);
 - University of California - Berkeley (USA);
 - Massachusetts Institute of Technology (USA);
 - University of Michigan (USA);
 - University of Cambridge (UK);
 - University of Toronto (Canada);
 - Purdue University – West Lafayette (USA);
 - Monash University (Australia);
 - McGill University (Canada)
- 6 Countries involved

Expected results

The Call will contribute to:

- Foster incoming and outgoing mobility of the involved research groups
- Increase joint research activities with the involved partner universities
- Facilitate a strong well-structured partnerships with the best international universities
- Create/increase joint education activities
- Possibly promote the signature of partnership agreements

The Department of International Affairs is responsible of the administration of the Project Visiting Professor.

For further information:

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